

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-22 16:36:20
 Date of Next Testing: 2027-12-12 16:36:20
 Product Name: **Polyvinylpyrrolidone (PVP)**
 CAS Number: 9003-39-8
 Specifications & Purity: average Mw 8000,K16-18
 Lot #: L2519382
 SKU #: **P110608**
 Version: **1**
 Analysis #: **617242**
 Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Aldehydes	0-0.05 (%)	0.00300 %
Water by Karl Fischer	0-5 (%)	3.30000 %
PH(5% in water)	3-5	4.40000
Hydrazine(N ₂ H ₄)	0-1 (ppm)	0.50000 ppm
Nitrogen by Elemental Analysis	11.5-12.8 (%)	12.10000 %
Heavy metal (as Pb)	0-10 (ppm)	5.14000 ppm
K value	15.3-18.4	16.30000
Residue on Ignition	0-0.1 (%)	0.01000 %
Peroxide(as H ₂ O ₂)	0-400 (ppm)	28.00000 ppm
Sulfate Ash	0-0.1 (%)	0.04000 %
Peroxides(TiOSO ₄)	0-400 (ppm)	300.00000 ppm
Appearance (P110608)	white to yellow powder or flakes	white to yellow powder or flakes
Identification (positive reaction)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager